

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(7C6E62) Hex(A18B78) Hex(7C7B62) Hex(3D3A37) Hex(7D3A00) Hex(FC7500)

	Hex(7C6E62)	Hex(A18B78)	Hex(7C7B62)	Hex(3D3A37)	Hex(7D3A00)	Hex(FC7500)
Hex(7C6E62)		Ratio: 1.52 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(A18B78)	Ratio: 1.52 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(7C7B62)	Ratio: 1.14 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 2.62 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(3D3A37)	Ratio: 2.29 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 2.62 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 4.13 AA 18pt ²
Hex(7D3A00)	Ratio: 1.72 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 3.10 AA 18pt ²
Hex(FC7500)	Ratio: 1.80 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 3.10 AA 18pt ²	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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